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THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT TRANSMITTAL FORM

Applicant(s): Kiefer et al.

Serial No.: 10/552,103

Filed: Herewith

For: MELTING AND REFINING IN TANKS WITH COOLED WALLS

Art Unit: 3742

Examiner: Not Yet Assigned

Confirmation No.: 4119

Customer No.: 27623 Attorney Docket No.: 2133.113USU

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

We are enclosing:

1. Request for Corrected Filing Receipt;
2. Transmittal letter in duplicate; and
3. Postcard.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

A handwritten signature in black ink.

Charles N. J. Ruggiero

Reg. No. 28,468

Ohlandt, Greeley, Ruggiero & Perle, L.L.P.

One Landmark Square, 10th Floor

Stamford, Connecticut 06901-2682

(203) 327-4500

Date: November 2, 2006

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON November 2, 2006.

Ruth J. Olivo
NAME

A handwritten signature in black ink.

November 2, 2006
DATE



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REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

The applicant is requesting that correction be made to the filing receipt. Please note that "Hildegard Romer" should read: **Hildegard Roemer**; "Guido Rake" should read: **Guido Raeke**.

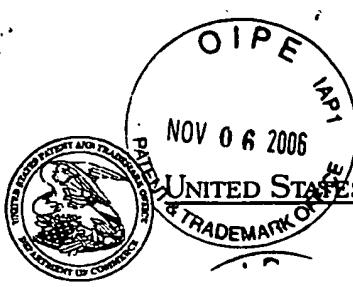
Also, please note that the "Title" should read: **MELTING AND REFINING IN TANKS WITH COOLED WALLS** as stated on the first page of the specification filed on July 27, 2006. A copy of the original marked-up filing receipt and a copy of the first page of the specification are enclosed.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

Charles N. J. Ruggiero
Reg. No. 28,468
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UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/552,103	07/27/2006	3742	2080	2133.113USU	8	41	3

CONFIRMATION NO. 4119

27623
OHLANDT, GREELEY, RUGGIERO & PERLE, LLP
ONE LANDMARK SQUARE, 10TH FLOOR
STAMFORD, CT 06901

FILING RECEIPT



OC000000020120819

Date Mailed: 08/22/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

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*Hildegard Roemer**Guido Raeke*

Power of Attorney: The patent practitioners associated with Customer Number 27623.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP04/03416 04/02/2003

Foreign Applications

GERMANY 103 14 955.4 04/02/2003

If Required, Foreign Filing License Granted: 08/21/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/552,103**

Projected Publication Date: 11/30/2006

RECEIVED
AUG 27 2006
UNIVERSITY, GREELEY,
RUGGIERO & PERLE, LLP

Non-Publication Request: No

Early Publication Request: No

Title

tanks
Melting and refining in baths with cooled walls

Preliminary Class

373

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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Schott AG

**Melting and refining in tanks with cooled walls**5 Description:

The invention relates to a method and an apparatus for melting and/or refining, in particular in melting or refining units with cooled walls.

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It is an object of the invention to provide a method and an apparatus with reduced energy consumption when melting and/or refining inorganic substances, preferably glasses, glass-ceramics and crystals. The invention is preferably to be used 15 in a melting or refining unit with cooled walls, for example in a skull crucible or a conductively heated tank.

20 The prior art has described a range of melting units with cooled walls, in particular skull crucibles, which are used to melt glasses using radiofrequency.

In the present context, a radiofrequency-heated skull 25 crucible is to be understood as meaning a crucible which is formed from cooled metal tubes and is surrounded by a radiofrequency coil. There are gaps between the metal tubes, allowing the radiofrequency energy to be introduced directly into the glass melt.

30 In the present context, a conductively heated tank or a conductively heated crucible is to be understood as meaning a tank or crucible in which heat is supplied at least in part